

## BLIPPOO BOX TRICKS

### VOLUME CONTROL WITH A FOOTPEDAL

The Blippoo has no volume control, in fact it was designed to produce a constant stream of sounds. However volume can be easily controlled from a footpedal, which has the advantage that you will still have both hands free to play the Blippoo knobs and/or play another instrument. You would of course need a volume pedal, you can buy one at any music store that sells keyboards. There are quite affordable volume pedals from brands like Korg and Roland. The volume pedal needs to be connected to the Blippoo using an 'insert cable', a cable that has one stereo jack at one side and two mono jacks at the other side. The stereo jack goes into the Blippoo connector named Insert. On the other side of the cable the red coded jack should go to the volume pedal IN connector and the white coded jack to the volume pedal OUT connector. Pressing down the volume pedal with your foot will increase the output volume of the Blippoo.

### EXTERNAL AUDIO INPUT TO THE FILTER

The Blippoo can be used to filter signals from other instruments. Again an insert cable needs to be used and the stereo plug be connected to the Insert connector on the Blippoo. In this case the white coded mono jack will go into the output connector of another instrument, e.g. a drumcomputer. The output signal of the other instrument should be at line level.

### USING EFFECTS

The signal levels on both the output and the input on the Insert connector are compatible with guitar stompbox effects. When a stompbox effect is used, wiring up in the same way as a volume pedal will insert an effect on the raw oscillator section sound of the Blippoo before it goes into the filter section. Depending on the particular effect used this can give quite interesting results.

The audio output level of the Blippoo is also compatible with guitar stompbox effects, it is definitely recommended to experiment with stompbox delays, distortion pedals, reverbs, pitch shifters, loopers, etc., if you have some around. You can experiment with using them on the main output or alternatively on the Insert connector as described above.

### MORE COMPLEX SETUPS

By using a small mixing desk with an FX send channel you can patch up more complex setups, especially if the mixing desk has a pre-fader FX send, like you find on the small Yamaha MG10/2 mixing desk. E.g. you can connect the Blippoo with an insert cable to the mixing desk, again with the stereo jack end into the Insert connector of the Blippoo and the red coded other end into a channel input of the mixing desk. Then you connect the white coded jack to the FX send connector on the mixing desk. You also connect the Blippoo audio output to a second channel input of the mixing desk. The stereo jack that is inserted on the Blippoo Insert connector blocks the internal connection from the oscillator section to the filter section. But if you send the signal from the first channel on the mixing desk (the raw oscillator signal) to the pre-fader FX send output it will go back into the Blippoo filter section and the filtered sound can be heard on the second mixer channel. When the first channel is opened the raw oscillator signal will go to the mixer output and when the second channel is opened the filtered Blippoo sound fades in. You can now also mix in other audio signals into the Blippoo filter section by opening the pre-fader FX send knobs on other channels and listening to the second mixer channel.